



Health impacts of climate change and biosecurity in the Asian Pacific region

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Year: 2011
Journal: Reviews on Environmental Health. 26 (1): 12-Jul

Abstract:

Our climate is changing as a result of human activity, and such changes have the potential to have a significant impact on human health. The basic requirements for health--clean air, safe drinking water, sufficient food and secure shelter--are all vulnerable to climate change. Low-income developing countries are especially vulnerable; no country, however, is totally immune. In Australia, we are already seeing evidence of the health effects of climate change with an increase in temperature-related food poisoning events and an increase in mosquito-borne infections, including Ross River virus and Dengue fever. In the Asian Pacific region the issues identified as most pressing vary from country to country, but a common theme is a lack of public understanding and education and lack of capacity for implementing mitigation strategies. Strategies addressing the health impacts of climate change must incorporate the principles of social justice and equity within the region.

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Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Food/Water Quality, Food/Water Security, Human Conflict/Displacement, Temperature, Unspecified Exposure

Food/Water Security: Food Access/Distribution

Geographic Feature:

resource focuses on specific type of geography

Ocean/Coastal, Tropical

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Asia, Australasia

Asian Region/Country: Other Asian Country

Climate Change and Human Health Literature Portal

Other Asian Country: Brunei Darussalam; Cambodia; China; Federated States of Micronesia; Fiji; Japan; Lao People's Democratic Republic; Malaysia; Mongolia; Nauru; New Zealand; Philippines; Republic of Korea; Samoa; Singapore; Tonga; Vanuatu; Vietnam

Health Impact:

specification of health effect or disease related to climate change exposure

General Health Impact, Infectious Disease, Injury

Infectious Disease: Foodborne/Waterborne Disease, Vectorborne Disease

Foodborne/Waterborne Disease: General Foodborne/Waterborne Disease

Vectorborne Disease: Mosquito-borne Disease

Mosquito-borne Disease: Dengue, Ross River Virus

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Adaptation

Population of Concern: A focus of content

Population of Concern:

populations at particular risk or vulnerability to climate change impacts

Low Socioeconomic Status

Resource Type:

format or standard characteristic of resource

Review

Timescale:

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment:

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content